Intel Corporation (949) 498-0601 Intel Legal Team

Fax

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Page 1 of 22 Urgent Confidential

Date: December 20, 2004

To:

Fax:

Art Unit: 2137 2186

Mail Stop Amendment

(703) 872-9306

Fax:

M/S:

Libby H. Hope

(949) 498-0601

Subject:

From:

1. Application No.: 09/752,534, filed December 29, 2000, Inventor: Khare, et al.

A CONFIRMATION COPY OF THIS DOCUMENT: WILL NOT BE SENT

I hereby certify that the below listed correspondence is being facsimile transmitted to the USPTO to: Mail Stop: Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on 20-Dec-04.

Name:

Date:

20 December 2004

Included in this transmission:

Fax Cover Sheet (1 page) Transmittal Form (1 page)

Fee Transmittal (3 pages, submitted in duplicate)

Amendment (13 pages)

Petition For Extension of Time (1 page)

Important Notice

This information is intended to be for the use of the individual or entity named on this transmittal sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution, or use of the contents of this faxed information is prohibited. If you have received this facsimile in error, please notify the sender by telephone immediately so that arrangements can be made for the retrieval of the original document at no cost to

Under the Paperwork Reduction Act of 1995	no persons are required to respond to a collect	PTC/SB/21 (08-03) Approved for use through 08/30/2003, OMB 0651-0031 and and Trademark Office; U.S. DEPARTMENT OF COMMERCE tion of information united:				
(Application Number	09/752,534				
TRANSMITTAL	Filing Date	December 29, 2000				
FORM	First Named Inventor	Khare, ot al				
(to be used for all correspondence after Initial t	Ring) Art Unit	2186				
	Examiner Name	Patel, Hetul B.				
Total Number of Pages in This Submission	Attorney Docket Number	2186				
	ENCLOSURES (Check all the	at apply)				
Fee Transmittal Form Fee Attached Amendment/Repty After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney. Revocation Change of Correspondence Add Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks	After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enciosure(s) (please identify below): Certificate of mail;				
SIGNAT	URE OF APPLICANT, ATTORN	EY, OR AGENT				
Intel Corporation	Firm Libby H. Hope, Reg. No. 46,774 or Intel Competition					
Signature / Uhur Heyno						
Date December 20, 2004						
CE	RTIFICATE OF TRANSMISSION	N/MAILING				
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450 on the date shown below.						
Typed or printed name Libby H. Hope	·					
Signature XIAy8	Hops	Date 12/20/04				

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 33 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, about the Chief Information Officer, U.S. Peternt and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEE TRANSMITTAL FOR FY 2005 (FY 2005 Begins 10/01/2004. Fee changes made on 11/22/04 and 12/08/04 are included.)							
·							
TOTAL AMOUNT OF PAYMENT (\$) 120.00 Complete if Known:							
Application No09/752,534							
Filing Date December 29, 2000							
First Named Inventor Khare, et al.							
Examiner Name Patel, Hetul B.							
Art Unit 2186							
Attorney Docket No. 42390P9878							
Applicant claims small entity status. See 37 CFR 1.27,							
METHOD OF PAYMENT (check all that apply)							
Check Credit Card Money Order Other None							
X Deposit Account							
Deposit Account Number:50-0221_							
Deposit Account Name:							
X The Director is Authorized to do the following with respect to the above-identified Deposit Account:							
X Charge fee(s) indicated below.							
X Credit any overpayments.							
X Charge any additional fees during the pendency of this application.							
X Any concurrent or future reply that regulres a petition for extension of time should be treated as							
Incorporating an appropriate petition for extension of time and all required fees should be charged.							
Charge fee(s) indicated below except for the filing fee							
FEE CALCULATION							
FEE CALCULATION							
1A. BASIC FILING FEE/SEARCH FEE/EXAMINATION FEE							
Large Entity Small Entity							
fee Fee Fee							
Code (\$) Code (\$) <u>Fee Description</u> Fee Pald							
1011 300 2011 150 Utility application filing fee							
1111 500 2111 250 Utility search fee 1,000/500*							
1311 200 2311 100 Utility examination fee							
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1012 200 2012 100 Design application filing fee							
1112 100 2112 50 Design search fee 430/215*							
1312 130 2312 65 Design examination fee							
							
1013 200 2013 100 Plant filing fee							
1113 300 2113 150 Plant search fee - 660/330*							
1313 160 2313 80 Plant examination fee							
1004 200 0004 450 Delever 511 5							
1004 300 2004 150 Relssue filing fee							
1114 500 2114 250 Reissue search fee 1,400/700*							
1314 600 2314 300 Reissue examination fee							
1005 200 2005 100 Provisional application filing fee							
1005 200 2005 100 Provisional application filing fee							
1005 200 2005 100 Provisional application filing fee							

				Extra Sheets		Fee from below	Fee paid
Total S	Sheets		101	*(round up to integer)	· x		
Large	Entity	Small	Entity	(round up to integer)			
Fee	Fee	Fee	Fee				
Code	(\$)	Code	(\$)	Fee Description			
1081	250	2081	125	Utility application size fee for eac 50 sheets beyond initial 100 sheet	ets		
1082	250	2082	125	(count spec & drawings except sequence Design application size fee for ea 50 sheets beyond Initial 100 sheet	ich additio	nal group of	
1083	250	2083	125	(count spec & drawings except sequence Plant application size fee for each 50 sheets beyond initial 100 sheets	h addition:	m listings) al group of	
1084	250	2084	125	(count spec & drawings except sequence Releasue application fee for each 50 sheets beyond initial 100 shee	es & progra additional	m listings) group of	
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2. <u>EX</u>	TRA CL	AIM FEE	S FOR	UTILITY AND REISSUE		Fee from	
2. <u>EX</u>	TRA CL	AIM FEE	ES FOR	UTILITY AND REISSUE	·	Fee from below	Fee Paid
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FEE	CALCULA	TION (co	ntinued)		
3.	ADDITION	AL FEES			
Larg	e Entity	Small B	Entity		
Fee	Fee	Fee	Fee		
Cod	e (\$)	Code	(\$)	Fee Description	Fee Paid
1051		2051	`65	Surcharge - late filing fee or oath	ree Palu
1052		2052	25	Surcharge - late provisional filling fee or cover sheet	
1053		1053	130	Non-English specification	
1812		1812	2,520	For filing a request for ex parte reexamination	
1813		1813	8,800	Request for inter parties reexamination	
1804		1804	920*	Requesting publication of SIR prior to Examiner action	
1805		1805	1.840*	Requesting publication of SIR after Examiner action	
1251		2251	60	Extension for reply within first month	
1252		2252	225	Extension for reply within most month	120.00
1253		2253	510	Extension for reply within second month	
1254		2254	795	Extension for reply within third month	
1255		2255		Extension for reply within fourth month	
1401		2401	1,080 250	Extension for reply within fifth month	
1402			250 250	Notice of Appeal	
1403		2402 2403		Filing a brief in support of an appeal	
1451			500	Request for oral hearing	
1452		1451	1,510	Petition to institute a public use proceeding	
1452		2452	250	Petition to revive – unavoidable	
1501		2453	750	Petition to revive - unintentional	
	.,	2501	700	Utility Issue fee (or reissue)	
1502		2502	400	Design issue fee	
1503		2503	650	Plant issue fee	
1464		1460	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
1463		1460	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
1462		1460	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
1807		1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per	
4000				property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection	
	4==			(see 37 CFR 1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined	
4004				(see 37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design	·—
455.	AA-	455.4	4	application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	
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	d or Printe	d Marne:	Libby H	. Hope	
	ature: 🔔	<u> U</u> /W/	¥461.20	Date: December 20, 2004	ļ
Reg.	Number:	46,774	 	Telephone Number: (949) 498-0	601
	· -			1010phone (4011Det. 1549) 480-0	501

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

				FEE TRANSMITTAL FOR FY 2005			
(FY 2005 Begins 10/01/2004. Fee changes made on 11/22/04 and 12/08/04 are included.)							
TOTAL AMOUNT OF PAYMENT (\$) 120.00 Complete if Known:							
Applic	ation N	o. <u>09/</u>	752,534				
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		ventor		re, et al.			
		ne <u>Patel</u>	, Hetul E	<u> </u>			
	it <u>218</u>		122000	0070			
Attorney Docket No. 42390P9878							
Applicant claims small entity status. See 37 CFR 1.27.							
METH	OD OF	PAYME	NT (ch	eck all that apply)			
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	•	Depos	it Accol	int Number : <u>50-0221</u>			
		Depos	it Accou	int Name:			
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	_	Credit	any ov	erpayments.			
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	<u>_</u>	Any co	ncurrent	or future reply that requires a petition for extension of time should be treated as			
		Chara	orating a	n appropriate petition for extension of time and all required fees should be charged. Indicated below except for the filing fee			
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<u>Large l</u>	<u>Entity</u>	<u>Small</u>	Entity				
Fee	Fee	Fee	Fee				
Code	(\$)	Code	(\$)	Fee Description Fee Paid			
1011	300	2011	150	Utility application filing fee			
1111	500	2111	250	Utility search fee1,000/500*			
1311	200	2311	100	Utility examination fee			
1012	200	2012	100	Design application filing fee			
1112	100	2112	50	Design search fee 430/215*			
1312	130	2312	65	Design examination fee			
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1013	200	2013	100	Plant filing fee			
1113	300	2113	150	Plant search fee - 660/330*			
1313	160	2313	80	Plant examination fee			
1004	300	2004	150	Reissue filing fee			
1114	500	2114	250	Reissue search fee1,400/700*			
1314	600	2314	300	Reissue examination fee			
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1005	200	2005	100	Provisional application filing fee			
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List th	ie tiling.	, search, a	and exan	nination fees separately, but pay concurrently			

Docket No.: 42390P9878 Application No.: 09/752,534

18.	APPL	ICATIO!	N SIZE F	<u>ee</u>				
				Extra Sheets <u>Fee from</u> <u>Fee paid</u> below				
Total S	heets	`	100	750 = * X* *(round up to integer)				
Large	Entity	Small	Entity	(round up to integer)				
Fee	Fee	Fee	Fee					
Code	(\$)	Code	(\$)	Fee Description				
1081	250	2081	125	Utility application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)				
1082	250	2082	125	Design application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)				
1083	1083 250 2083 125 Plant application size fee for each additional group of 50 sheets beyond initial 100 sheets							
1084	250	2084	125	(count spec & drawings except sequences & program listings) Reissue application fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings)				
	•••			SUBTOTAL (2) \$				
2. <u>EX</u> T	RA CL	AIM FEE	S FOR (UTILITY AND REISSUE				
				Fee from <u>Extra Claims</u> <u>below</u> <u>Fee Paid</u>				
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Code	(\$) ′	Code	(\$) <u>F</u>	Fee Description				
1202	50	2202	25 (Claims in excess of 20				
1201	200	2201		Independent claims in excess of 3				
1203	360	2203	180 p	Multiple dependent claim, if not paid				
1204	200	2204	100 *	**Reissue independent claims over original natent				
1205	50	2205	25 *	**Reissue claims in excess of 20 and over original patent				
				SUBTOTAL (3) \$				

FEE	FEE CALCULATION (continued)					
12 4	DDITION	AI EEEO				
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Large	Entity	Small E	intity			
Fee	Fee	Fee	Fee			
Code	(\$)	Code	(\$)	Fee Description	Fee Paid	
1051	130	2051	65	Surcharge - late filing fee or oath	CCFAIG	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
1053	130	1053	130	Non-English specification		
1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
1813	8,800	1813	8,800	Request for inter parties reexamination		
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
1805	1,840* 120	.1805 2251	1,840*	Requesting publication of SIR after Examiner action		
1252	450	2252	60 225	Extension for reply within first month	120.00	
1253	1.020	2253	510	Extension for reply within second month Extension for reply within third month		
1254	1,590	2254	795	Extension for reply within fourth month		
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1401	500	2401	250	Notice of Appeal		
1402	500	2402	250	Filing a brief in support of an appeal		
1403	1,000	2403	500	Request for oral hearing		
1451	1,510	1451	1,510	Petition to institute a public use proceeding		
1452	500	2452	250	Petition to revive – unavoidable		
1453	1,500	2453	750	Petition to revive - unintentional		
1501	1,400	2501	700	Utility issue fee (or reissue)		
1502	800	2502	400	Design Issue fee		
1503	1100	2503	550	Plant issue fee		
1464 1463	130	1460	130	Petitions to the Commissioner (CFR 1.17(h) Group III)		
1463	200 400	1460 1460	200 400	Petitions to the Commissioner (CFR 1.17(g) Group II)		
1807	50	1807	400 50	Petitions to the Commissioner (CFR 1.17(f) Group I) Processing fee under 37 CFR 1.17(q)		
1806	180	1806	180	Submission of Information Disclosure Stmt		
8021	40	8021	40	Recording each patent assignment per		
		,		property (times number of properties)		
1809	790	2809	395	For filing a submission after final rejection		
				(see 37 CFR 1.129(a))		
1814	130	2814	65	Statutory Disclaimer		
1810	7 9 0	2810	395	For each additional invention to be examined		
	_0			(see 37 CFR 1.129(b))		
1801	790	2801	395	Request for Continued Examination (RCE)		
1802	900	1802	900	Request for expedited examination of a design		
4504	200	4504		application		
1504 1505	300 300	1504 1505	300 300	Publication fee for early, voluntary, or normal pub.		
1803	130	1803	300 130	Publication fee for republication		
1808	130	1808	130	Request for voluntary publication or republication		
1454	1,370	1454	1.370	Processing fee under 37 CFR 1.17(i) (except provisionals) Acceptance of unintentionally delayed claim for priority		
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SUBM	ITTED BY	<u> </u>				
		T Name:	Libby F	1. Hope		
Signat		TVIM	W. The			
	lumber:	46 77 <i>N</i>	N-MEDIO	Date: <u>December 20, 2004</u>		
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Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

RECEIVED CENTRAL FAX CENTER DEC 2 0 2004

Our Docket No.: 42390P9878

Utility Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re th	e Patent Application of:	
	Khare, et al.) }
√Serial N	No.: 09/752,534) Examiner: Patel, Hetul B.
Assigne	ee: Intel Corporation) ·)
Filed:	December 29, 2000	
; [A MECHANISM FOR EFFICIENTLY SUPPORTING THE FULL MESI (MODIFIED, EXCLUSIVE, SHARED, INVALID) PROTOCOL IN A CACHE COHERENT MULTI-NODE SHARED MEMORY SYSTEM) Art Unit: 2186)))

RESPONSE TO OFFICE ACTION

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF FACSIMILE TRA	ANSMISSION				
I hereby certify that I am causing the above-refe delivered to the USPTO via facsimile transmission to (703) fee has been addressed to Mail Stop Amendment, Commi Alexandria, VA 22313-1450.	872-9306 and that this neger or				
Date of Deposit: Oecember 20, 2004					
Name of Person Delivering Correspondence: Libby H. Hope					
Signature Date					
	Date				

Docket No.: 42390P9878 Application No.: 09/752,534

Utility Patent Application

INTRODUCTORY COMMENTS

Sir:

In response to the Office Action mailed August 18, 2004, Applicants respectfully request the Examiner to enter the following amendment and to consider the following Remarks.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 8 of this paper.